

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $\left(\frac{15}{17}\right)^2 =$ _____

2) $0.65^2 =$ _____

3) $18^3 =$ _____

4) $0.1^4 =$ _____

5) $12^4 =$ _____

6) $\left(\frac{1}{12}\right)^2 =$ _____

7) $0.15^3 =$ _____

8) $\left(\frac{13}{19}\right)^2 =$ _____

9) $692^1 =$ _____

10) $0.04^3 =$ _____

11) $\left(\frac{11}{12}\right)^2 =$ _____

12) $6^5 =$ _____

13) $15^3 =$ _____

14) $0.9^3 =$ _____

15) $\left(\frac{18}{7}\right)^2 =$ _____

16) $0.6^4 =$ _____

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Solve the following expressions.

1) $\left(\frac{15}{17}\right)^2 = \frac{\left(\frac{225}{289}\right)}{\hspace{2cm}}$

2) $0.65^2 = \frac{0.4225}{\hspace{2cm}}$

3) $18^3 = \frac{5832}{\hspace{2cm}}$

4) $0.1^4 = \frac{0.0001}{\hspace{2cm}}$

5) $12^4 = \frac{20736}{\hspace{2cm}}$

6) $\left(\frac{1}{12}\right)^2 = \frac{\left(\frac{1}{144}\right)}{\hspace{2cm}}$

7) $0.15^3 = \frac{0.003375}{\hspace{2cm}}$

8) $\left(\frac{13}{19}\right)^2 = \frac{\left(\frac{169}{361}\right)}{\hspace{2cm}}$

9) $692^1 = \frac{692}{\hspace{2cm}}$

10) $0.04^3 = \frac{0.000064}{\hspace{2cm}}$

11) $\left(\frac{11}{12}\right)^2 = \frac{\left(\frac{121}{144}\right)}{\hspace{2cm}}$

12) $6^5 = \frac{7776}{\hspace{2cm}}$

13) $15^3 = \frac{3375}{\hspace{2cm}}$

14) $0.9^3 = \frac{0.729}{\hspace{2cm}}$

15) $\left(\frac{18}{7}\right)^2 = \frac{\left(\frac{324}{49}\right)}{\hspace{2cm}}$

16) $0.6^4 = \frac{0.1296}{\hspace{2cm}}$